Amendment of the claims under the article 19

1. (Amended) A fiber reinforced concrete cask formed by injecting and solidifying concrete wherein reinforcement fiber sheets are disposed at least on an outside circumference surface of said cask, said reinforcement fiber sheets have a coefficient of thermal expansion equivalent to or less than a coefficient of thermal expansion of the concrete, and said support frame is sewn together into a cylindrical bag shape and made from reinforcement fiber sheets.

2. The fiber reinforced concrete cask according to claim 1, wherein said reinforcement fiber sheets are disposed on both the outside circumference surface and the inside circumference surface of said concrete cask, and said reinforcement fiber sheets on said outside and inside circumference surfaces are connected with strings.

3. The fiber reinforced concrete cask according to claim 1, wherein said reinforcement fiber sheets are carbon fibers.

4. A fiber reinforced concrete cask formed by injecting concrete into and solidifying within a cylindrical bag support frame formed from reinforcement fiber sheets that have a coefficient of thermal expansion equivalent to or less than the coefficient of thermal expansion of the concrete.

5. The fiber reinforced concrete cask according to claim 4, wherein said reinforcement fiber sheets are carbon fibers.

6. (Amended) A support frame for forming the concrete cask, wherein said support frame is made from reinforcement fiber sheets having a coefficient of thermal expansion that is equivalent to or

less than a coefficient of thermal expansion of the concrete, and said support frame is sewn together into a cylindrical bag shape and made from reinforcement fiber sheets.

7. The support frame for forming the concrete cask according to claim 6, wherein said support frame has a double walled structure made from said reinforcement fiber sheets comprising an outside sheet and an inside sheet joined together, and said outside sheet and inside sheet are joined by strings.

8. The support frame for forming the concrete cask according to claim 6, wherein said support frame has an injection port in the lower part of said support frame.

9. (Cancelled)

10. The support frame for forming the concrete cask according to claim 9, wherein said support frame has an injection port in the lower part of said support frame.

11. A method for the fabrication of a concrete cask, comprising the processes for:

forming a support frame for injection of the concrete, using reinforcement fiber sheets having a coefficient of thermal expansion equivalent to or less than a coefficient of thermal expansion of the concrete, and

injecting the concrete into said support frame.

12. The method for the fabrication of the concrete cask according to claim 11, wherein said support frame is made from reinforcement fiber sheets comprising an outside sheet and an inside

sheet joined together by reinforcement fiber strings in said process for forming said support frame.

13. The method for the fabrication of the concrete cask according to claim 11, further comprising processes following said process for forming said support frame:

filling said formed support frame with a fluid that will maintain a shape of said support frame, and

injecting the concrete from the bottom of said support frame in said concrete injecting process to replace said fluid, which is pre-filled into said support frame to hold said shape, with the concrete.

14. (New) The method for the fabrication of the concrete cask according to claim 11, wherein said process for injecting the concrete is performed so that the tensile forces remain in said reinforcement fiber sheets of said support frame from the pressure exerted upon said sheets during said injecting process.